

## CLAIM AMENDMENTS

1                   1. (Amended) A biocompatible, low viscosity, radiation  
2                   curable formulation, ~~especially for stereo, for use in medicinal~~  
3                   technology, ~~especially for producing earpieces,~~ comprising:

4                   a) 55 to 95 weight percent of a monomeric or oligomeric  
5                   dimethacrylate ~~on the basis of bisphenol-A or bisphenol-F;~~

6                   b) 0 to 20 weight percent of a urethane methacrylate with a  
7                   viscosity  $> 4$  functionalities  $n < 4$  and a viscosity  $< 15$  Pa s;

8                   c) 2 to 15 weight percent of a monomeric or aliphatic or  
9                   cycloaliphatic dimethacrylate with a viscosity  $< 5$  Pa s;

10                  d) 0 to 15 weight percent of a monofunctional methacrylate  
11                  with a viscosity  $< 3$  Pa s;

12                  e) 0.5 to 6 weight percent of one or a combination of  
13                  photoinitiators whose absorption lies in the wavelength range of the  
14                  laser beam used effective to form free radicals;

15                  f) 0.001 to 2 weight percent of the free radical inhibitor  
16                  2,2,6,6-tetramethylpiperidine-1-yloxy (free radical) which can be present  
17                  in combination with known inhibitors;

18                  g) 0 to 40 weight percent of fillers;

19                  h) 0 to 5 weight percent of color pigments; and

20                  i) 0 to 5 weight percent of usual additives like UV  
21                  stabilizers or flow additives, ~~whereby the proportion of the components a~~  
22                  to h together amounts to 100%.

1           2. (Amended) The formulation according to claim 1 comprising:

2           a) 60 to 90 weight percent of an n-fold ethoxylated bisphenol-  
3           A-dimethacrylate with a degree of ethyloxilation ethoxylation of n < 10  
4           or a mixture of n-fold ethoxylated bisphenol-A-dimethacrylate with a  
5           degree of ethoxylation of n < 10;

6           b) 5 to 17 weight percent of an aliphatic or cycloaliphatic  
7           urethane methacrylate with sensitivity a functionality of n < 4 and a  
8           viscosity of < 10Pa s;

9           c) 3 to 10 weight percent of an aliphatic or cyclo-aliphatic  
10          urethane dimethacrylate with [[and]] a viscosity < 3 Pa s;

11          d) 2 to 10 weight percent of a monofunctional methacrylate  
12          with a viscosity of < 3 Pa s;

13          e) 1 to 4 weight percent of one or a combination of a  
14          plurality of photoinitiators whose absorption is in the wavelength range  
15          of the laser beam used effective to form free radicals;

16          f) 0.005 to 0.05 weight percent of the initiator free radical  
17          inhibitor 2,2,6,6-tetramethylpiperidine-1-yloxy (free radical) optionally  
18          in combination with known inhibitors;

19          g) [[0.20]] 0 to 20 weight percent of fillers;

20          h) 0 to 5 weight percent of color pigments;

21          i) 0.01 to 3 weight percent of conventional additives like UV  
22          stabilizers or flow additives whereby the proportion of the components of  
23          (a) to (h) amount together to 100%.